



**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

COPY OF PAPERS
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2681

#4/B
L. M. Lant
6-21-02

Applicant: **Shuo-Yen Robert Li**

Case: **20**

Serial No. **09/882,075**

Filed: **June 15, 2001**

Group Art Unit: **2681**

Examiner:

**Title of Invention: GENERAL SELF-ROUTING MECHANISM FOR
MULTICASTING CONTROL OVER BIT-PERMUTING
SWITCHING NETWORKS**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

Enclosed is a Second Preliminary Amendment in the above-identified application.

An additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	23	22	1	\$ 9.00	\$ 9.00
Indep. Claims	3	3	0	\$42.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0	\$0
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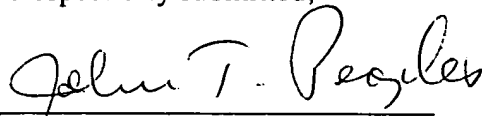
Total: \$ 9.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard
XX Credit Card Authorization for **\$9.00**

Please charge any deficiencies in the fee to Deposit Account 13-3083.

Respectfully submitted,



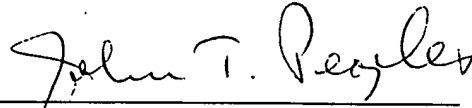
Date: 5-13-02

John T. Peoples (Reg. No. 28,250)
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Warren, NJ 07059
(908) 580-9816

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I hereby certify that this correspondence is being deposited by me on
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John T. Peoples



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L. McLaughlin
6-21-02

Applicant: **Shuo-Yen Robert Li**

Case: **20**

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Technology Center 2600

**Title of Invention: GENERAL SELF-ROUTING MECHANISM FOR
MULTICASTING CONTROL OVER BIT-PERMUTING
SWITCHING NETWORKS**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

SECOND PRELIMINARY AMENDMENT

Enclosed is a second Preliminary Amendment in the above-identified application. Please amend the application as follows.

In the Specification:

Page 175, replace line 9 as follows: --from the tag, by a simple dedicated 1x1 switching circuitry which is appended to every--.

Page 177, replace line 13 as follows: --10 ('0-bound') < 00 ('idle') < 11 ('1-bound')--.

Page 179, replace line 18 as follows: --of a bit-permuting network. The routing tag for the particular $2^n \times 2^n$ networks studied in the prior--.

Page 180, replace line 1 as follows: --art is the destination address $d_1 d_2 \dots d_n$ of a packet plus possibly an activity bit up front. By--.